

**SOFTWARE INSTRUCTIONS  
for the  
OPERATING SOFTWARE  
for the**

***Kodak X-Omat 180 LP/180 LPS PROCESSORS***  
**Service Codes: 3227, 3198**

***Kodak X-Omat 270 RA/480 RA PROCESSORS***  
**Service Codes: 3059, 3228**

***Kodak X-Omat 3000 RA INTEGRATED PROCESSORS***  
**Service Codes: 3488, 3466**

***Kodak X-Omat 3000 RA/5000 RA PROCESSORS***  
**Service Codes: 3434, 3425**

***Kodak X-Omat 460 RA PROCESSOR***  
**Service Code: 3056**

***Kodak X-Omat 270 RA INTEGRATED PROCESSOR***  
**Service Code: 3059**

**with the**

**5000 BOARD**



**Important**

Qualified service personnel must install this software.



**HEALTH IMAGING**

---

**PLEASE NOTE** The information contained herein is based on the experience and knowledge relating to the subject matter gained by Eastman Kodak Company prior to publication.

No patent license is granted by this information.

Eastman Kodak Company reserves the right to change this information without notice, and makes no warranty, express or implied, with respect to this information. Kodak shall not be liable for any loss or damage, including consequential or special damages, resulting from any use of this information, even if loss or damage is caused by Kodak's negligence or other fault.



This equipment includes parts and assemblies sensitive to damage from electrostatic discharge. Use caution to prevent damage during all service procedures.

## Table of Contents

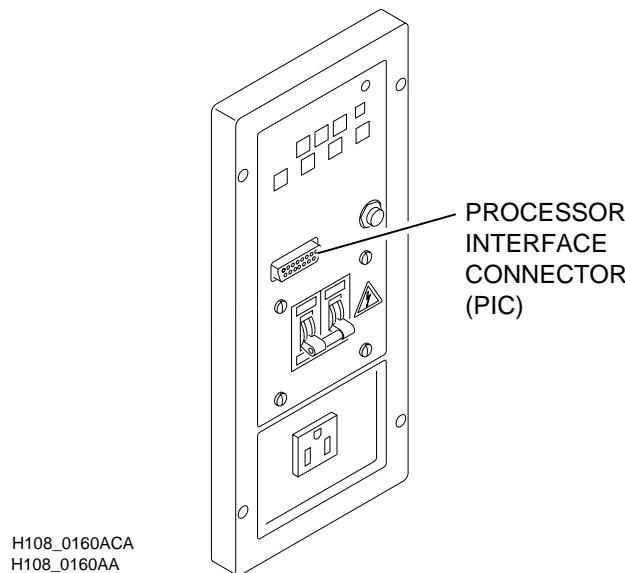
Description	Page
<a href="#">Requirements for Downloading the OPERATING SOFTWARE</a> .....	3
<a href="#">Connecting the INTERFACE CABLE</a> .....	3
<a href="#">Installing the New OPERATING SOFTWARE</a> .....	6

## Requirements for Downloading the OPERATING SOFTWARE

To download the OPERATING SOFTWARE, you must have:

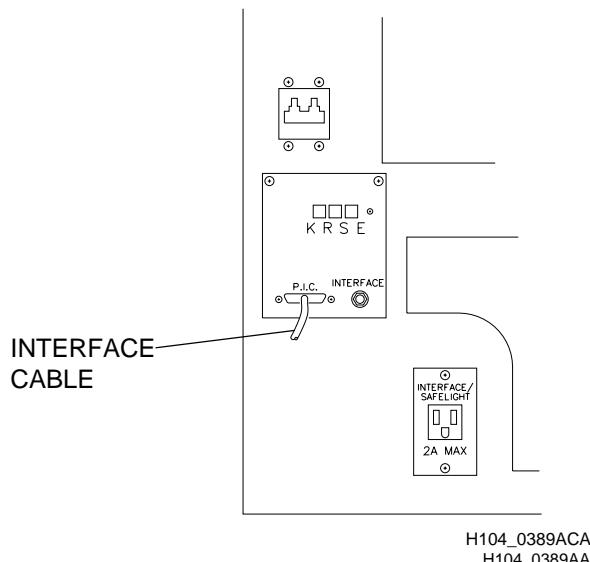
- INTERFACE CABLE TL-4391
- *IBM* compatible LAPTOP COMPUTER with:
  - Windows 98 or higher operating system
  - CD DRIVE
  - SERIAL COMMUNICATION PORT set to COM1 - See the USER MANUAL for the LAPTOP COMPUTER.

## Connecting the INTERFACE CABLE



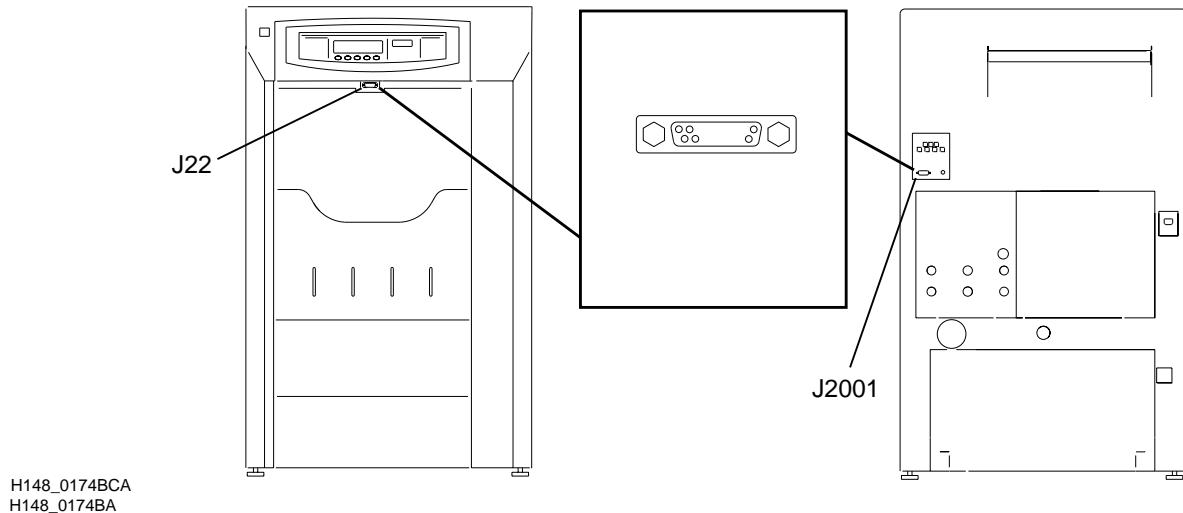
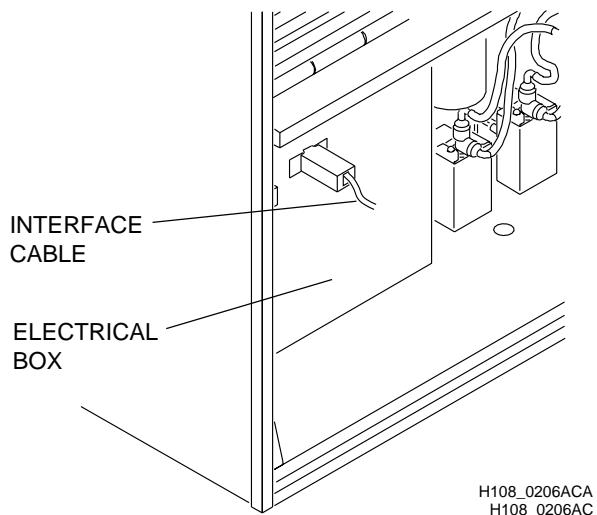
 **Warning**  
Dangerous Voltage

**[1] Connect the INTERFACE CABLE:**



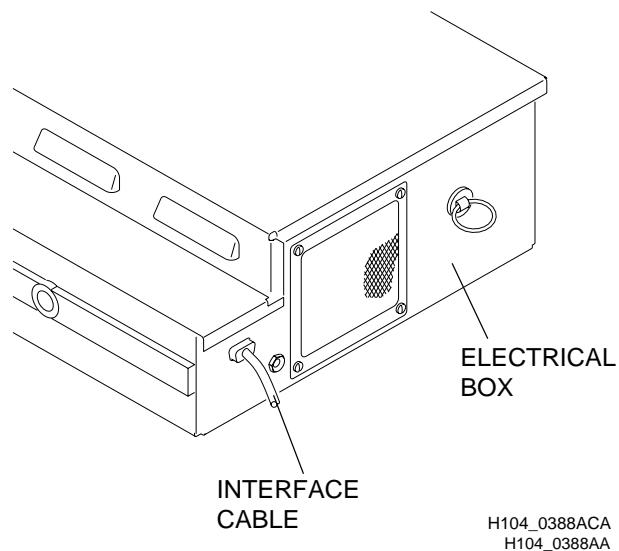
**[2]** On the 270 RA PROCESSOR and the 3000 RA PROCESSOR, connect the INTERFACE CABLE to the PROCESSOR INTERFACE CONNECT (PIC).

[3] On the 460 RA PROCESSOR and the 480 RA PROCESSOR, connect the INTERFACE CABLE to the ELECTRICAL BOX.

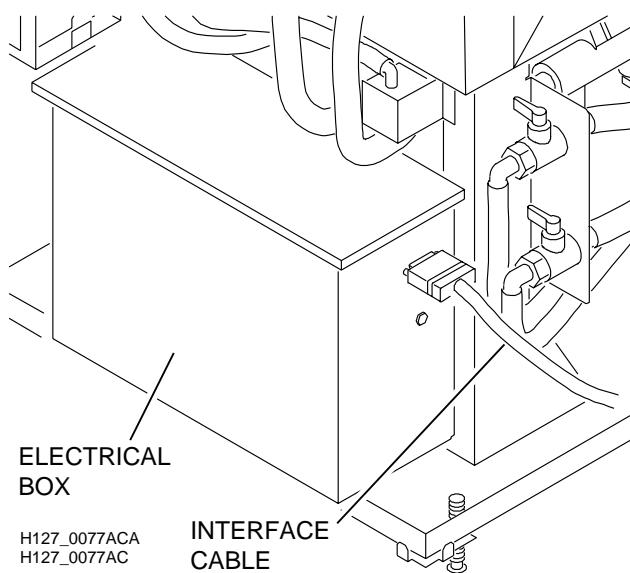


[4] On the 5000 RA PROCESSOR, connect the INTERFACE CABLE to either:

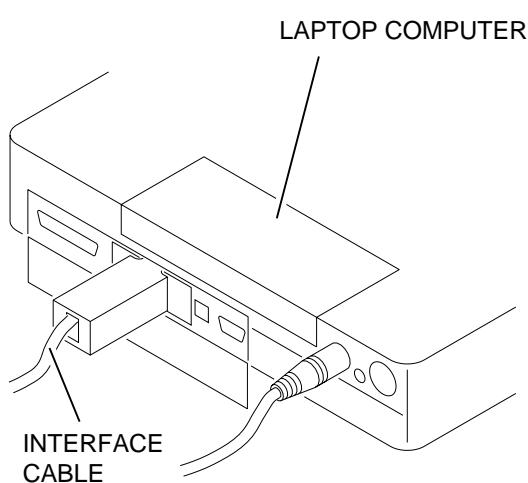
- J22
- J2001



[5] On the 3000 RA INTEGRATED PROCESSOR and the 270 RA INTERGRATED PROCESSOR, connect the INTERFACE CABLE to the ELECTRICAL BOX.



[6] On the 180 LP and 180 LPS PROCESSORS, connect the INTERFACE CABLE to the ELECTRICAL BOX.



[7] Connect the INTERFACE CABLE to the LAPTOP COMPUTER.

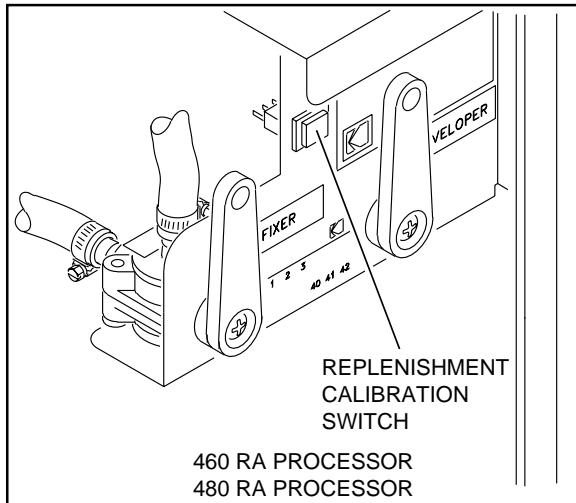
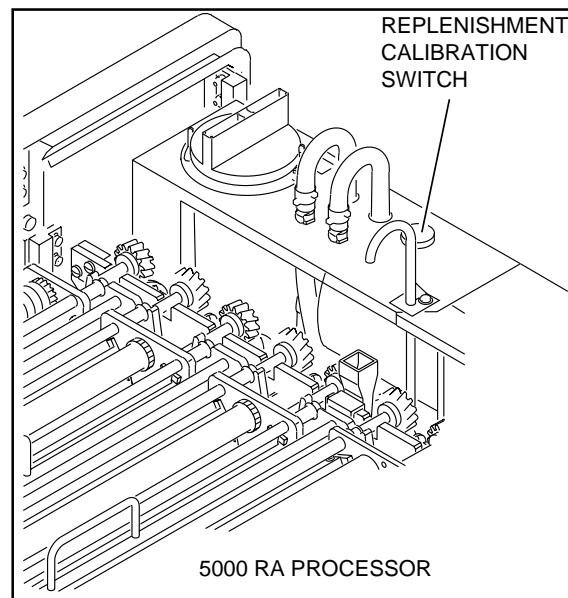
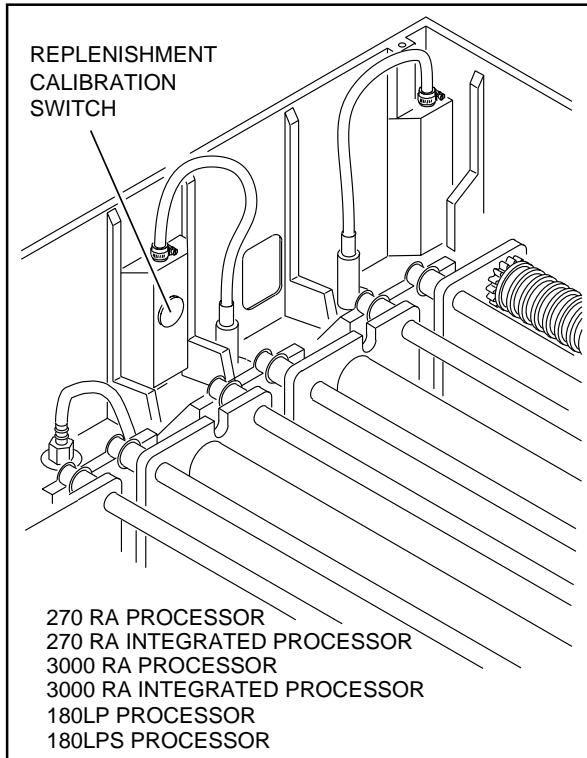
## Installing the New OPERATING SOFTWARE



### Warning

Dangerous Voltage

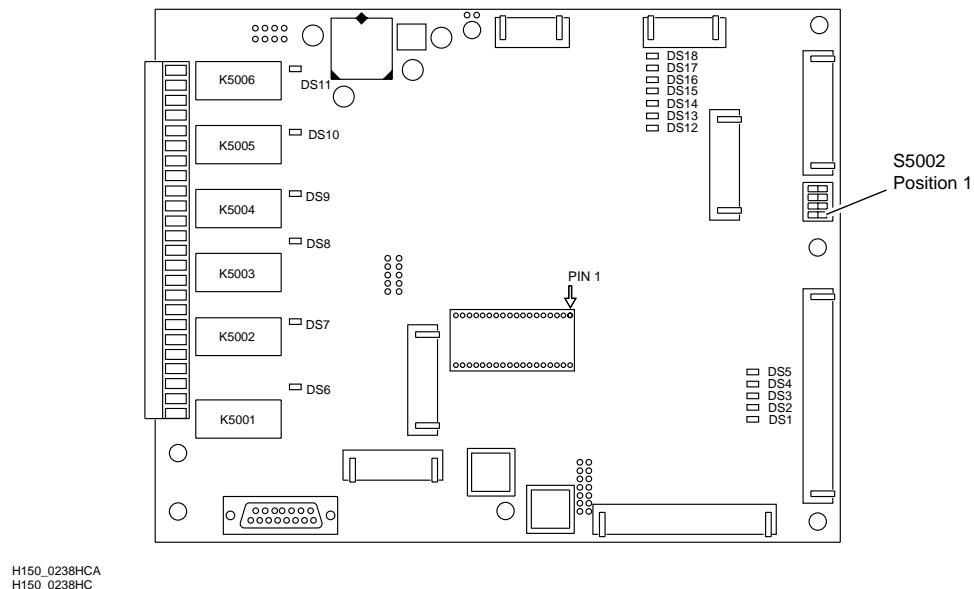
- [1] Energize the PROCESSOR and MULTILoader or LASER PRINTER.
- [2] Allow the PROCESSOR to operate for a minimum of 20 seconds.
- [3] Energize the LAPTOP COMPUTER and allow it to initialize.
- [4] Record all of the PROCESSOR setpoint parameters (replenishment rates, temperatures, etc.)
- [5] De-energize the PROCESSOR and MULTILoader or LASER PRINTER. For a MULTILoader de-energize CB1 and CB2.



### Important

The MULTILoader must be de-energized during the software download. (CB1 off). Energize CB2 (PROCESSOR) and use the **MAIN POWER SWITCH** for the MULTILoader, to control power to the PROCESSOR.

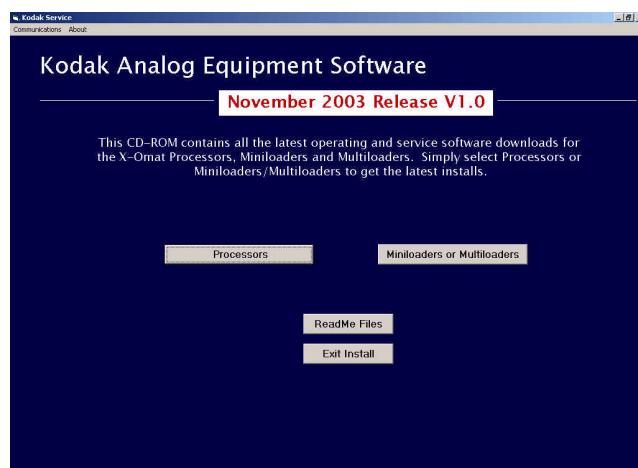
- [6] Press and hold the REPLENISHMENT CALIBRATION SWITCH and then energize the PROCESSOR ONLY! (MAIN POWER SWITCH) and continue to press and hold the REPLENISHMENT CALIBRATION SWITCH for 10 seconds.



### Important

The original state of S5002 Position 1 on the 5000 BOARD is not important. The software recognizes a change in the state of S5002 position 1.

**[8]** Change the state of S5002 Position 1 on the 5000 BOARD.

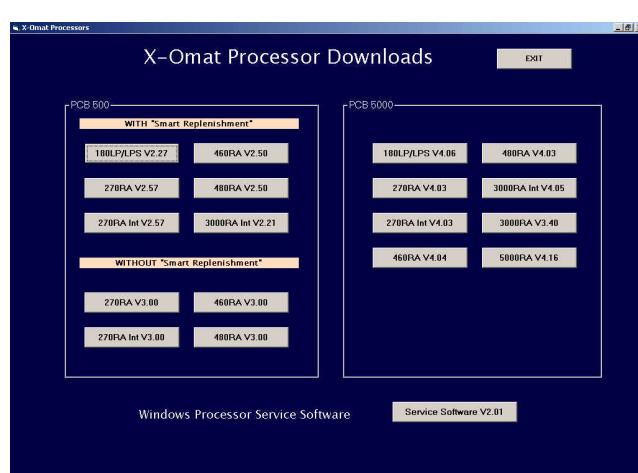


**[9]** Insert the SOFTWARE CD into the LAPTOP COMPUTER.



**Note** The software automatically launches.

**[10]** At the "Kodak Service" screen, click [Processors].



**[11]** Select the corresponding software for your equipment.



- [12] Do the instructions on the screen.
- [13] Wait for the LAPTOP COMPUTER to display "Software download has been completed successfully".



### Warning

Dangerous Voltage

- [14] De-energize the PROCESSOR

- [15] Energize the PROCESSOR.

**For a multiloader, keep CB2 energized and use the MAIN POWER SWITCH to energize and de-energize the processor.**

- [16] If necessary, for the 3000 RA INTEGRATED PROCESSOR, if an error occurs on the *Kodak X-Omat MULTILOADER 300 PLUS* or on the *Kodak X-Omat MULTILOADER 7000*, press [Clear].
- [17] Disconnect the INTERFACE CABLE from the PROCESSOR.
- [18] Remove the SOFTWARE CD from the LAPTOP COMPUTER.

- [19] Enter the parameters recorded in [Step 5](#) on [Page 6](#).

## Publication History

Publication Date	Publication No.	ECO No.	Changed Pages	File Name	Notes
20APR01	6E5135	---	All	6E5135.fm	New Publication
17MAY01	6E5135	---	Page 4	6E5135.fm	Revised
25JAN02	4E9709	2649-220	Pages 1, 4 - 6	4E9709.fm	Revised
16DEC02	4E9709	--	Pages 1, 3 - 6	4E9709.fm	Revised
30MAR04	4E9709	--	Pages 6 - 8	4E9709.fm	Revised

*Kodak* and *X-Omat* are trademarks.